

## ANALYTICAL LABORATORY SPECIALIST

### KIND OF WORK

Advanced professional work in an analytical laboratory.

### NATURE AND PURPOSE

This employee independently performs advanced specialized tasks. This position in the analytical laboratory is responsible for performing those specific tasks as well as providing training and advice in a lead worker capacity for other chemists in the area(s) of special expertise. The employee in this class periodically reports results and interpretations to a higher level laboratory employee.

**EXAMPLES OF WORK** (A position may not include all the work examples given, nor does the list include all that may be assigned.)

Designs and documents an analytical information system to meet client needs.

Develops procedures for systems so that maximum benefit may be derived from use of the system.

Determines needs for a computerized laboratory information system in conjunction with laboratory management and staff, and laboratory clients so that the specifications for the automated system will meet laboratory and client needs.

Provides instruction and assistance to laboratory staff so that knowledge of specialized analytical procedures can be developed in other employees.

Plans, priorities, and schedules analyses to meet needs of clients.

Performs related work as required.

### KNOWLEDGE, SKILLS AND ABILITIES REQUIRED

Knowledge of:

Extensive knowledge of the principles, practices and techniques of analytical chemistry.

Thorough knowledge of a specific field related to analytical laboratory operations.

Considerable knowledge of current research investigations and developments in the field.

Ability to:

Develop and prepare specifications.

Develop testing and research programs and to carry them to conclusion.

Prepare comprehensive reports.

Est.: 6/81  
Ckd.: 8/92

T.C.:  
Former Title(s):